

IN THE CLAIMS:

1. (Canceled)

1 ~~2~~. (Currently amended) ~~Anti-NAIP~~ An anti-NAIP monoclonal antibody hnm365, which is produced from hybridoma 656-1 (FERM BP-6919), and its has an epitope is at the 354-365th region in SEQ ID NO: 1.

2 ~~3~~. (Currently amended) ~~Anti-NAIP~~ An anti-NAIP monoclonal antibody hnm381, which is produced from hybridoma 656-2 (FERM BP-6920), and its has an epitope is at the 373-387th region in SEQ ID NO: 1.

3 ~~4~~. (Currently amended) ~~Anti-NAIP~~ An anti-NAIP monoclonal antibody hnm841, which is produced from hybridoma 841 (FERM BP-6921), and its has an epitope is at the 841-1052nd region in SEQ ID NO: 1.

5-12. (Canceled)

4 ~~13~~. (Currently amended) ~~The A NAIP assay kit of claim 12, wherein the anti-NAIP monoclonal antibody is any one of the monoclonal antibodies of claims 2 to 4 comprising:~~

(a) a plate on which an anti-NAIP primary antibody is immobilized; and

(b) an anti-NAIP secondary antibody labeled with a marker, wherein:

(1) the primary antibody and the secondary antibody are both the anti-NAIP monoclonal antibody of any one of the monoclonal antibodies of claims ^{1 3}~~2-4~~, wherein:

(i) the primary antibody recognizes the amino acid sequence of the 256-585th amino acids of SEQ ID NO: 1 and the secondary antibody recognizes the amino acid sequence of the 841-1052nd amino acids of SEQ ID NO: 1; or

(ii) the primary antibody recognizes the amino acid sequence of the 841-1052nd amino acids of SEQ ID NO: 1 and the secondary antibody recognizes the amino acid sequence of the 256-585th amino acids of SEQ ID NO: 1; or

(2) the primary antibody is the anti-NAIP monoclonal antibody of any one of the monoclonal antibodies of claims 2-4 which recognizes the amino acid sequence of the 256-585th amino acids or the 841-1052nd amino acids of SEQ ID NO: 1 and the secondary antibody is an anti-NAIP polyclonal antibody; or

(3) the primary antibody is an anti-NAIP polyclonal antibody and the secondary antibody is the anti-NAIP monoclonal antibody of any one of the monoclonal antibodies of claims 2-4 which recognizes the amino acid sequence of the 256-585th amino acids or the 841-1052nd amino acids of SEQ ID NO: 1.

4-7-05
See
Examiner's
Amendment
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14. (Currently amended) The NAIP assay kit of claim 12 or 13, wherein the marker is a radioactive isotope or a fluorescent colorant.

15. (Currently amended) The NAIP ~~assaying~~ assay kit of claim 12 or 13, wherein the marker is an enzyme and the kit further includes ~~delete~~ move (a substrate which develops a color by the enzyme activity).

16. (Canceled)

17. (Currently amended) The A NAIP ~~assaying~~ assay kit of claim 16, wherein the anti-NAIP monoclonal antibody is any one of the monoclonal antibodies of claims 2 to 4, comprising:

- (a) a plate on which an anti-NAIP primary antibody is immobilized;
- (b) an anti-NAIP secondary antibody; and
- (c) a marker to be bound with the secondary antibody, wherein:

(1) the primary antibody and the secondary antibody are both the anti-NAIP monoclonal antibody of any one of the monoclonal antibodies of claims ~~1-4~~¹⁻³, wherein:

(i) the primary antibody recognizes the amino acid sequence of the 256-585th amino acids of SEQ ID NO: 1 and the secondary antibody recognizes the amino acid sequence of the 841-1052nd amino acids of SEQ ID NO: 1; or

(ii) the primary antibody recognizes the amino acid sequence of the 841-1052nd amino acids of SEQ ID NO: 1 and the secondary antibody recognizes the amino acid sequence of the 256-585th amino acids of SEQ ID NO: 1; or

(2) the primary antibody is the anti-NAIP monoclonal antibody of any one of the monoclonal antibodies of claims 2-4 which recognizes the amino acid sequence of the 256-585th amino acids or the 841-1052nd amino acids of SEQ ID NO: 1 and the secondary antibody is an anti-NAIP polyclonal antibody; or

(3) the primary antibody is an anti-NAIP polyclonal antibody and the secondary antibody is the anti-NAIP monoclonal antibody of any one of the monoclonal antibodies of claims 2-4 which recognizes the amino acid sequence of the 256-585th amino acids or the 841-1052nd amino acids of SEQ ID NO: 1.

8-7-05
8 ~~18~~. (Currently amended) The NAIP ~~assaying~~ assay kit of claim ~~16~~ or ~~17~~⁷, wherein the marker is a radioactive isotope or a fluorescent colorant.

See Examiner's Amendment
9 ~~19~~. (Currently amended) The NAIP ~~assaying~~ assay kit of claim ~~16~~ or ~~17~~⁷, wherein the marker is an enzyme and the kit further includes ~~delete~~ move

~~delete~~ (d) a substrate which develops a color by the enzyme activity.